EXHIBIT B

TO TO TO IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

§

8888888

APPLICATION OF:

ard Alan Haase

SERIAL NO: 09/675,695

FILED: September 29, 2000

TITLE: Clarification of Water and

Wastewater

DOCKET NO.:

ClearValue - 005

GROUP ART NO: 1724

EXAMINER: HRUSKOCI, P.

AFFIDAVIT OF RICHARD A. HAASE

THE STATE OF TEXAS

§ § §

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, personally appeared RICHARD A. HAASE, who being by me duly sworn, stated as follows:

My name is RICHARD A. HAASE. I am of sound mind, capable of making this Affidavit and have personal knowledge of the facts stated herein.

FACTORS DEMONSTRATING ACTUAL INFRINGEMENT **OF THIS PATENT APPLICATION**

- I am President of ClearValue, Inc. (hereinafter "ClearValue") which is a Texas 1. corporation located in Sugar Land, Texas.
- ClearValue is an operating company, providing services and products for water, 2. wastewater and sludge treatment. ClearValue is the only entity at the present that is licensed by me, as the sole inventor and owner of patent application number 09/675,695, to apply and market the process of clarification of water and wastewater described in the above patent application.

- 3. I am in the business of water, wastewater and sludge treatment, including clarification of water and wastewater and dewatering of sludge.
- 4. I should be regarded as having not only ordinary skill in the art of water and wastewater treatment and clarification, but I should be regarded as having expert chemical and biological knowledge as to design and marketing of water and wastewater treatment processes. I have had such skill in the art and expert knowledge since 1994. What should particularly qualify me to speak on the subject is: I have filed for over twenty-four (24) patent applications relating to water and wastewater treatment, five (5) of which have been allowed and/or registered: including but not limited to (U.S. Patent Nos. 5,705,072, 5,770,079, 6,066,349, 6,120,690, 6,136,193, Application Nos. PCTUS99/07139, 09/458,885, 90/005,710, 09/733,392, 60/194,151, 60/254,957, 09/055,658, 09,055,870, 08/931,167, 09/140,203, 09/343,616, 09/675,695, 08/707,852).
- 5. ClearValue is not the "assignee" of and is not the owner of patent application number 09/675,695. ClearValue is a licensee of the patent application.
- 6. The possibility, as well as the pros and cons, of using numerous chemicals in water and wastewater treatment have been in the water and wastewater industry for decades. Use of aluminum salts and water-soluble polyamines and/or water-soluble dialkyl diallyl ammonium polymers has been known as early as 1988 (as demonstrated in Hassick, et al., U.S. Patent Number 4,746,457 (hereinafter "Hassick '457")) and has been known as one proposed way of treating water and wastewater.
- 7. Testing and experience have proven that any considerable improvement in water and wastewater is valued greatly. Improvements based on the present application

have led to many customers and to rapid growth of ClearValue. Due to being the sole licensee of the above patent application, ClearValue has already established a significant presence in the State of Texas and has increasingly significant sales in numerous other states.

- 8. Due to the unexpected, non-obvious results obtained by the application of the present invention, many facilities, municipalities and systems in various states have started or are interested in starting to use the present application marketed by ClearValue for water and wastewater treatment and clarification.
- Despite ClearValue's success, some facilities and municipalities have begun using the invention of the present application without obtaining permission from ClearValue. These include but not limited to (1) TRA Euless, Tx.; (2) Port Arthur, Tx.; (3) Ennis, Tx.; (4) Marshall, Tx.; (5) Center, Tx.; and (6) Rancho Viejo, Tx.
- 10. On or about August 20, 2001, ClearValue tested the invention of the present application at Rio Grande Valley Municipal Utility District (M.U.D.) Number 2, Rancho Viejo, Texas. While testing this invention, Mr. Thomas, Operating Supervisor of the Rio Grande Valley Municipal Utility District (M.U.D.) Number 2, commented on the molasses-like consistency of the high molecular weight polymers of the present invention. It is easy to identify high molecular weight polymers as it is well known in the industry that low to medium molecular weight polymers have a more fluid-like consistency. While testing ClearValue's product according to the invention of the present application, Mr. Thomas informed me that a sales representative from Altivia, Inc. had just offered for sale a clarifying product which contained the same molasses-like high molecular weight polymer product. Mr.

Thomas identified Altiva's product as the exact same high molecular weight polymer blend per the present invention. Mr. Thomas identified the Altiva's product as a blend of high molecular weight Epi-DMA per the present application.

11. Until about November 14, 2000, ClearValue supplied the invention of the present application at Mill Creek Water Plant in Center, Texas. On or about this occasion, Dennis Corter, Operating Supervisor of the Mill Creek Water Plant in Center, Texas, informed me that Fort Bend Services is offering for sale to the City of Center, Texas a polymer blend containing high molecular weight Epi-DMA and ACH to treat the water per the process of the present invention.

FURTHER AFFIANT SAYETH NOT.

RICHARD A. HAASE

Sworn to and subscribed before me on the 2° day of August, 2001.

Notary Public, State of Texas

My Commission Expires: 12-31-03

